

## Claims

1. (after amendment) An on-vehicle communication system including location information detecting means; state sensor means for detecting an abnormal state and outputting state information; means for recording predetermined location information having time information and latitude/longitude information of the location information obtained by the location information detecting means at each point; first radio communication means for transmitting predetermined data having the state information, the predetermined location information and a terminal ID to an information service center on occurrence of a predetermined event; and voice communication means

wherein said on-vehicle communication system comprises an on-vehicle terminal main unit and a mobile terminal detachable from said on-vehicle terminal main unit,  
15 and

wherein said mobile terminal includes voice communication means, and

wherein said on-vehicle terminal main unit and said  
20 mobile terminal can communicate with each other via second  
radio communication means, and

wherein said mobile terminal, on completion of transmission of the predetermined data by the first radio communication means to the information service center, performs voice communications with the information service

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

center via said on-vehicle terminal main unit with the second radio communication means.

2. (after amendment) The on-vehicle communication system according to claim 1, wherein said system further comprises location information detecting means as a function of said mobile terminal.

3. (after amendment) The on-vehicle communication system according to claim 1,

wherein said mobile terminal further includes a function of the state sensor means.

4. (after amendment) An on-vehicle communication system according to claim 1,

wherein said mobile terminal further includes functions of the location information detecting means and the state sensor means .

5. (after amendment) An on-vehicle communication system according to claim 1,,

means for detecting a relative distance between said on-vehicle terminal main unit and said mobile terminal,

wherein said means switches a main system for communications of said on-vehicle communication system.

6. (after amendment) An information service center comprising:

means for distinguish information whether the information is transmitted from said on-vehicle terminal main unit or the information is transmitted from said mobile terminal when said service center receives and restores information transmitted from a plurality of types of on-vehicle communication system according to one of Claim 1 through Claim 5 to location information of each point according to a predetermined communication protocol.

7. (after amendment) An on-vehicle communication system including location information detecting means; state sensor means for detecting an abnormal state and outputting state information; means for recording predetermined location information having time information and latitude/longitude information of the location information obtained by the location information detecting means at each point; first radio communication means for transmitting predetermined data having the state information, the predetermined location information and a terminal ID to an information service center on occurrence of a predetermined event; and voice communication means,

wherein said on-vehicle communication system comprises an on-vehicle terminal main unit and a mobile terminal detachable from said on-vehicle terminal main unit,

wherein said mobile terminal includes voice communication means and data retaining means for temporarily storing data, and

wherein said on-vehicle terminal main unit and said mobile terminal can communicate with each other via second radio communication means, and

8. (after amendment) The on-vehicle communication system according to claim 7,

9. (after amendment) The on-vehicle communication system according to claim 8,

wherein said on-vehicle communication system makes voice communication with the information service center after transmitting the emergency information data to the

information service center from said mobile terminal.

10. (after amendment) The on-vehicle communication system according to claim 9,

wherein communications from said mobile terminal to the service center are made via a communication apparatus  
5 different from said on-vehicle communication system associated with said mobile terminal, the communication apparatus existing in the close proximity of said mobile terminal.

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